

Figure 1, Definition of symbols



Binding moiety



Analyte

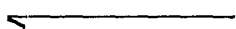
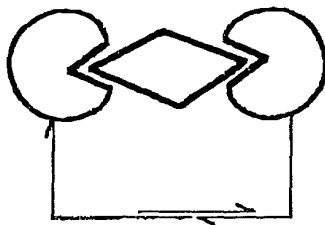
Oligonucleotide, 3' end
shown with arrowProximity probe, oligonucleotide
with free 5' endProximity probe, oligonucleotide
with free 3' endLigation of proximity-probes bound to
target analyte

Figure 2. Template promoted ligation variants

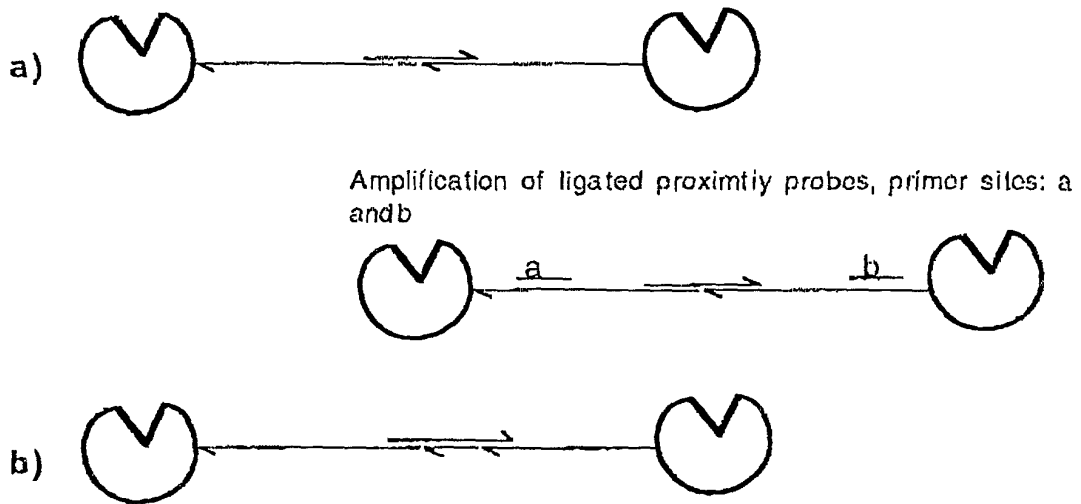


Figure 3. Fill-in polymerisation prior to ligation

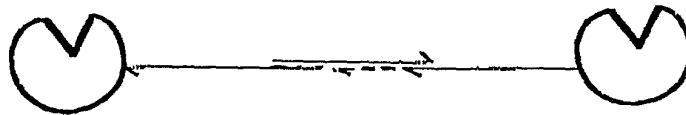


Figure 4. Ligation of supplementary oligonucleotides, x and y, to the proximity-probe-hybridisation oligonucleotide z. Amplification primer sites a and b.

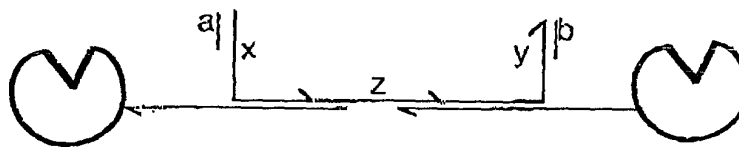


Figure 5. Generation of circular DNA, for rolling circle amplification



Figure 6. Priming of rolling circle amplification by a proximal oligonucleotide



Figure 7. Template unassisted ligation by T4 RNA ligase

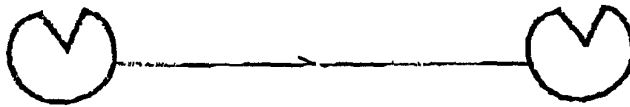


Figure 8. Both probes with free 3' ends capable of hybridising to each other.

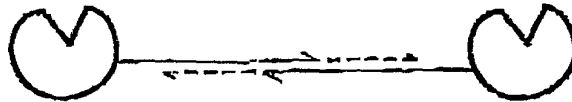
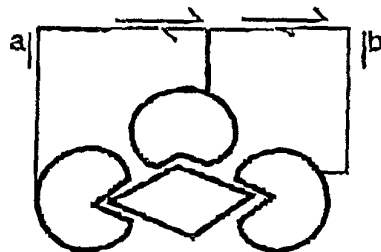


Figure 9. Requirement of two ligation events, using three binding moieties. Amplification primer sites a and b.



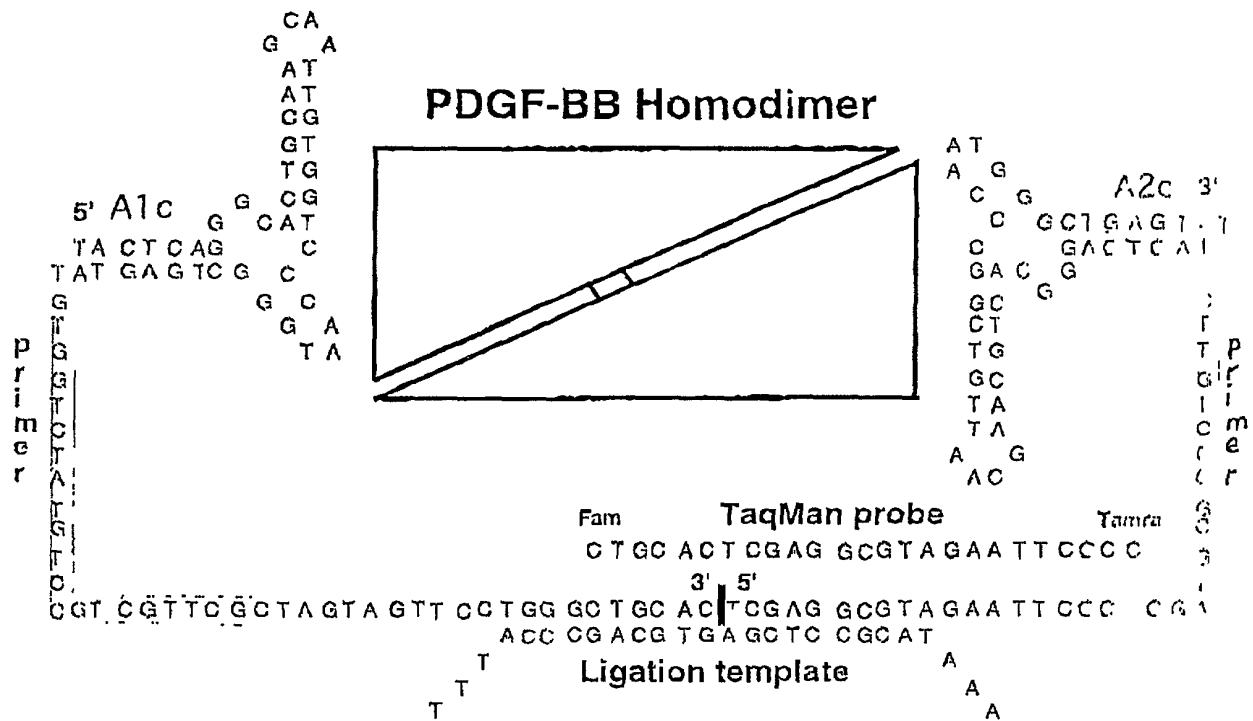


Figure 10

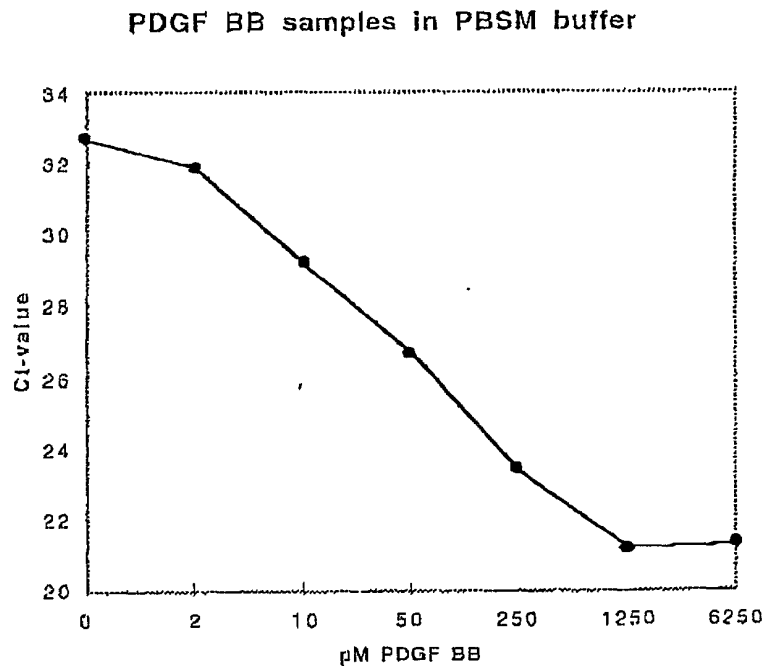


Figure 11

Proximity-Probing of PDGF-BB with a combined ligation and amplification/detection mix

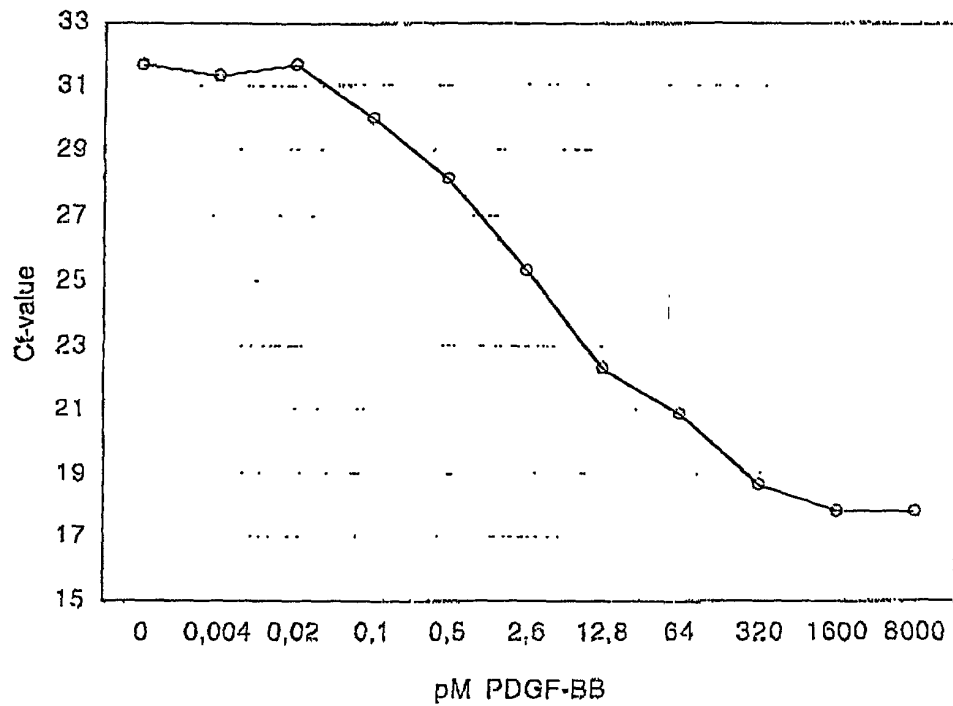


Figure 12

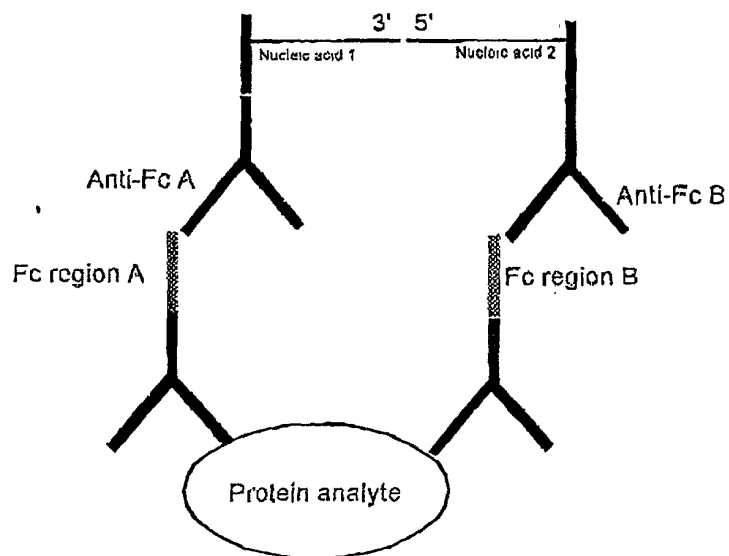


Figure 13

Figure 14

